Philips Brilliance
LED Monitor

Blade
23" / 58.4cm
C-line

Brilliance

234CL2SB

Ultra slim LED display. Simply stunning.

With an ultra slim design and technologies that delivery sharp vivid colors, the Philips Blade LED display is a new level cool sophistication

Stunningly beautiful
- Cool SmartTouch controls
- Sophisticated glossy finish
- Stylish design that complements any interior
- Ultra Slim, sleek and modern

Stunningly Clever
- LED technology for natural vivid colors
- SmartContrast 20000000:1 for incredible rich black details
- SmartResponse 2ms refresh for fast gaming
- SmartImage optimized for ease of use
- HDMI-ready for Full HD entertainment
- 16:9 display for best widescreen gaming and video

Environmentally friendly green design
- Eco-friendly materials that meets international standards
- Energy Star for energy efficiency and low power consumption

PHILIPS

LED Monitor
Blade 23" / 58.4cm, C-line

234CL2SB/93

Highlights

Ultra Slim, sleek and modern
New range of Philips monitors use the latest new generation Slim CCFL or LED, thereby allowing designs to be much more slimmer than previous generation. Slim looks not only allow the monitors to look asthetically pleasing, but also saves space on the desk!!

LED technology
White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

2ms Turbo mode

2ms GtG response time > 2ms GtG response time

Turbo modes turns on over drive circuit for best response time, reduce jaggy edges for fast moving objects on screen, enhance contrast ratio for bright and dark scheme, this profile delivers the best gaming and movie experience.

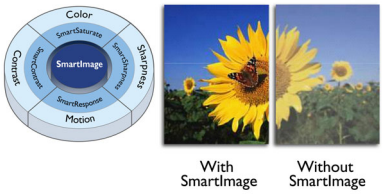
SmartContrast ratio 20000000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

Eco-friendly materials
"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ http://www.asimpleswitch.com/global/ to learn more.

Energy Star 5.0
Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from www.energystar.gov

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

SmartTouch controls
SmartTouch controls are intelligent, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

16:9 widescreen aspect ratio
An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means outstanding game and video display without bars at top and bottom of the picture and without the quality loss than comes from scaling, altering an image to fit on a different screen size.

Full HD 1080p
2ms
20,000,000:1 SmartContrast
SmartTouch
Slim design
LED White LED
Turbo mode
Compatible with Windows 7

LED Monitor
Blade 23" / 58.4cm, C-line

234CL2SB/93

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 23 inch/58.42 cm
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 5 ms
- SmartResponse: 2 ms (Gray to Gray)
- Brightness: 250 cd/m²
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.265 x 0.265 mm
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity
- Audio output: HDMI audio out (3.5 mm jack)x1
- Signal Input: VGA (Analog), HDMI
- Sync Input: Separate Sync, Sync on Green

Convenience
- User convenience: SmartImage, Input, Turbo, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Plug & Play Compatibility: DDC/CI, Mac OS X, Windows 7 / Vista, sRGB

Stand
- Tilt: -3/14 degree

Power
- On mode: 24 W (EnergyStar 5.0 test method)
- Standby mode: 0.3 W
- Off mode: 0.3 W
- Power LED indicator: Operation - White, Standby/ sleep-white (blinking)
- Power supply: External, 100-240VAC, 50/60Hz

Dimensions
- Product with stand (mm): 547 x 408 x 175 mm
- Packaging in mm (WxHxD): 599 x 553 x 125 mm

Weight
- Product with stand (kg): 2.89 kg
- Product with packaging (kg): 4.78 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC, Class B, CCC, GOST, UL/cUL

Cabinet
- Color: Black/Black
- Finish: Glossy

Issue date 2014-02-13
Version: 5.0.2
12 NC: 8670 000 67011
EAN: 69 23410 70522 5

© 2014 Koninklijke Philips N.V.
All Rights reserved.
Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

www.philips.com